

Figure 1

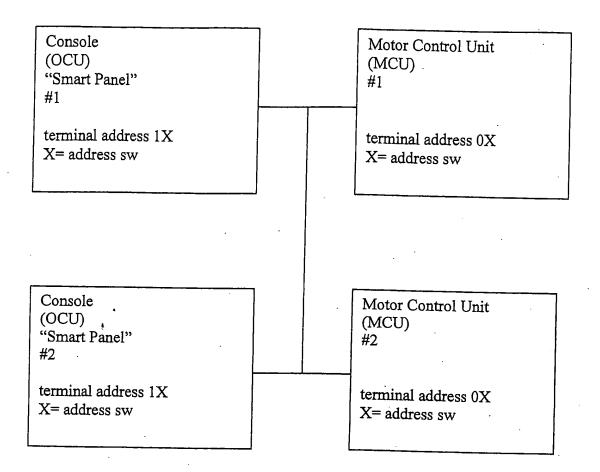


Figure 2

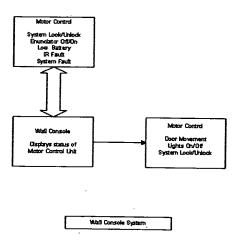
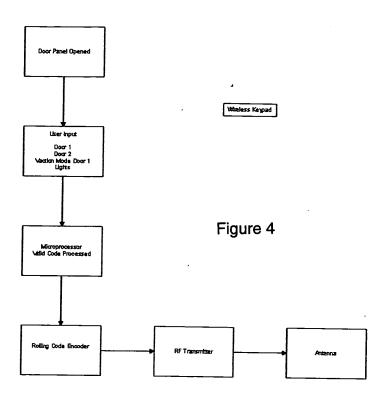


Figure 3



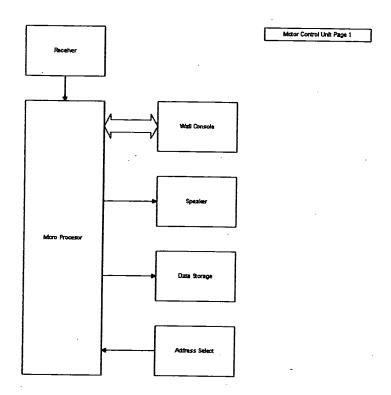


Figure 5

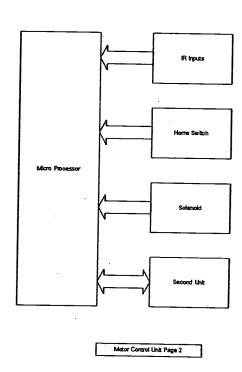
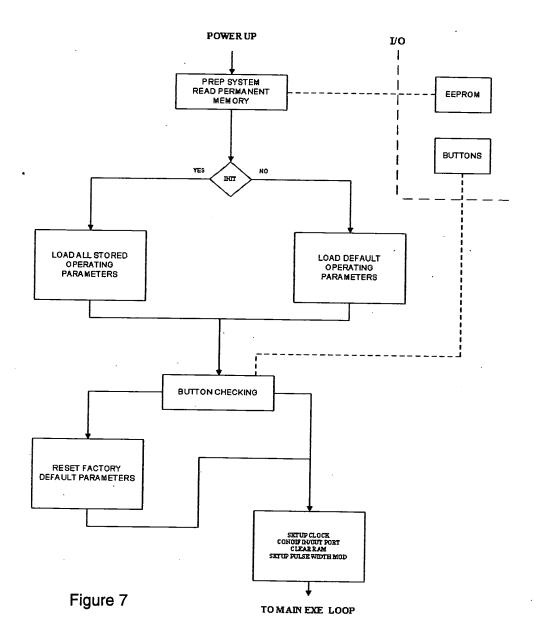


Figure 6



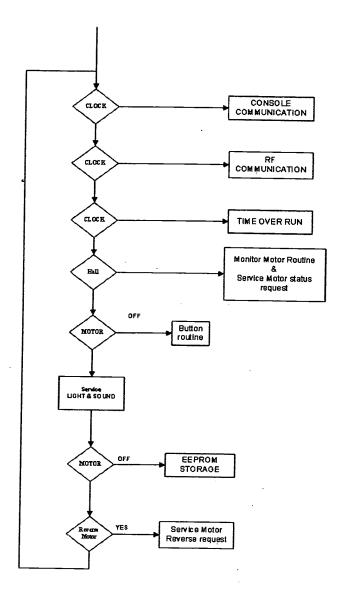
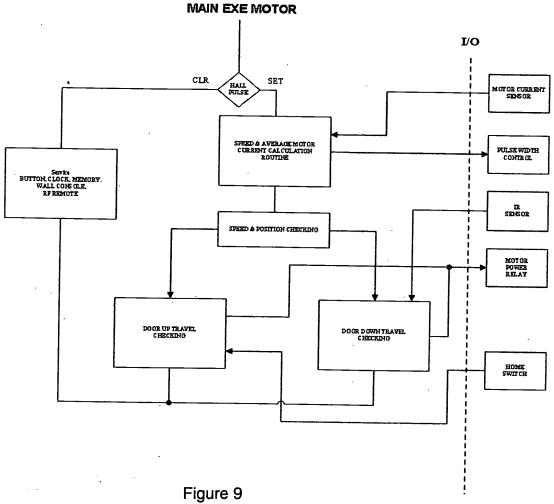


Figure 8



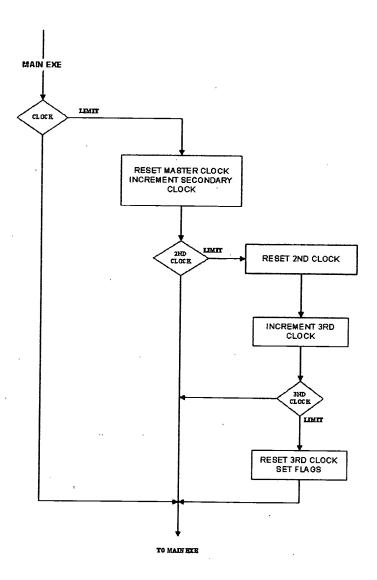


Figure 10

CALC_OLD_AVE

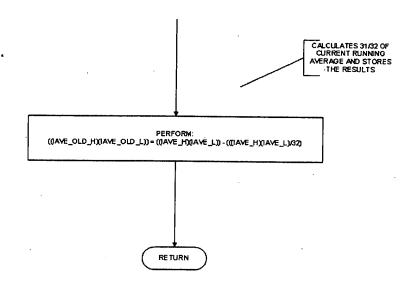


Figure 11

CALC_NEW_AVE

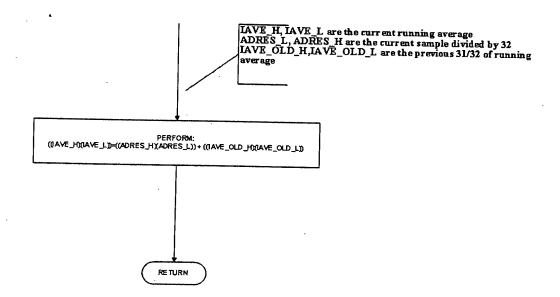


Figure 12

AD_DIV_32

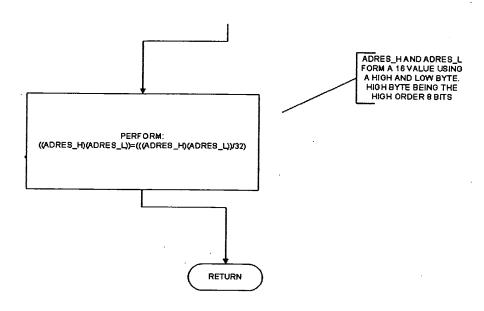


Figure 13

PWMRAMPDOWN

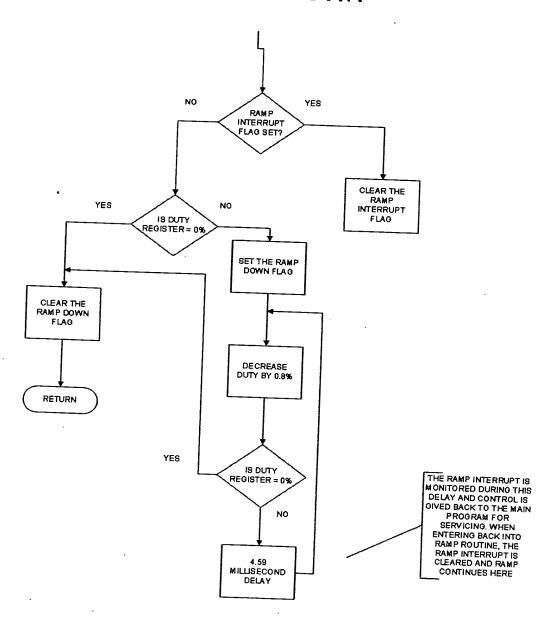


Figure 14

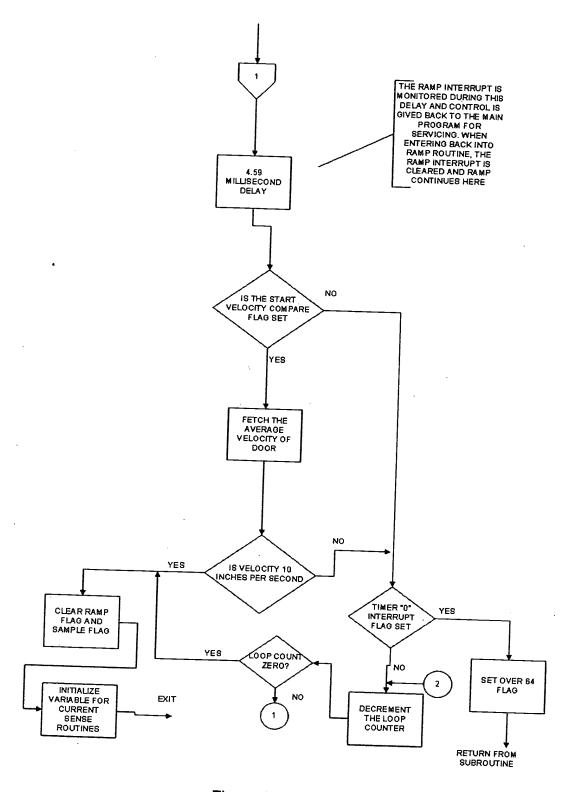


Figure 15

PWM_RAMP_INIT

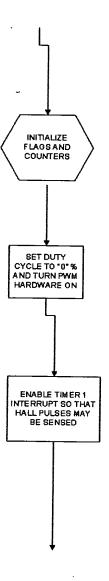


Figure 16

PWM_HW_INIT

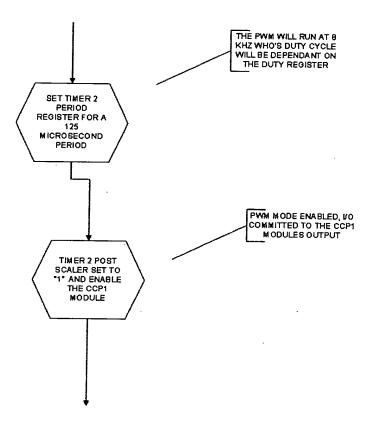
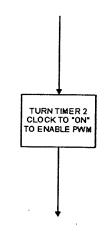


Figure 17

PWM_HW_ON



PWM_HW_OFF



Figure 18

LOW_CLIP

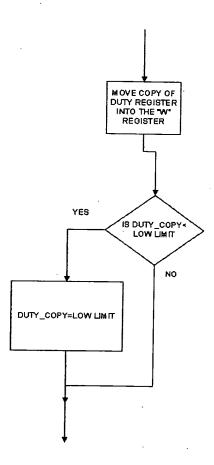


Figure 19

HIGH_CLIP

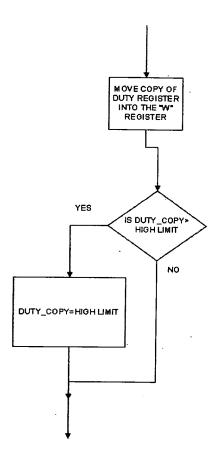


Figure 20

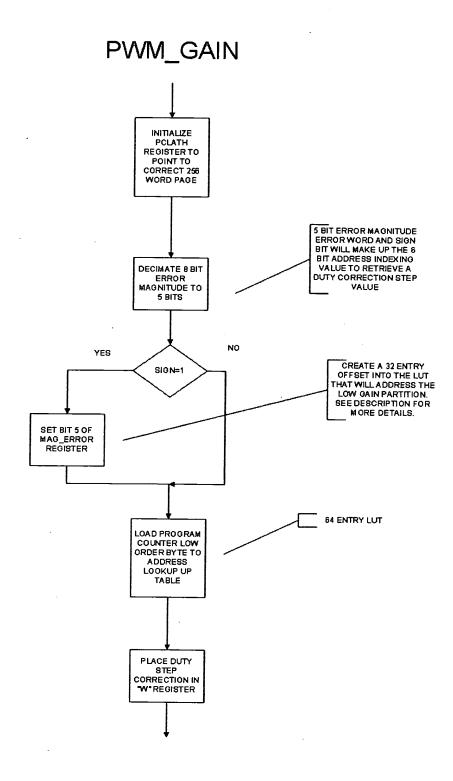


Figure 21

ADC

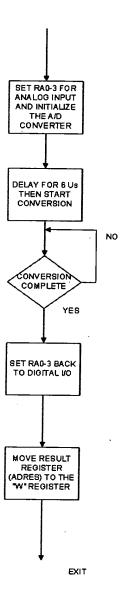


Figure 22

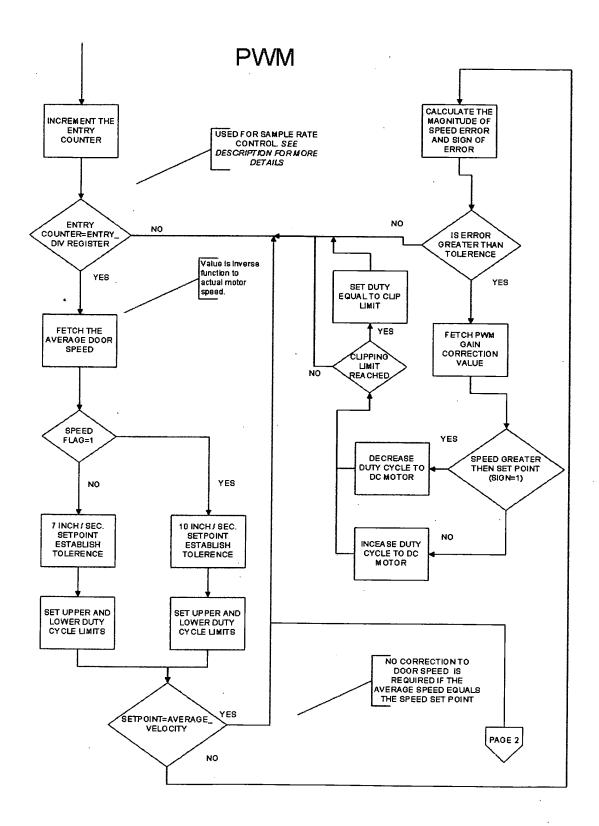


Figure 23

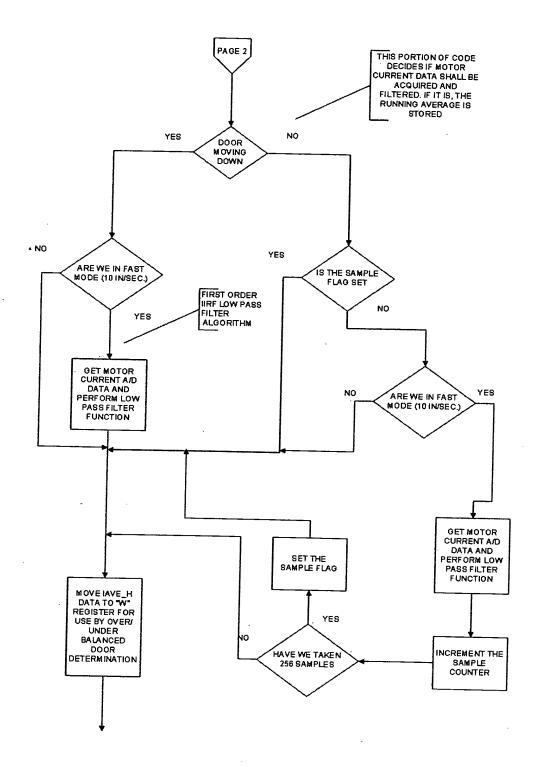


Figure 24

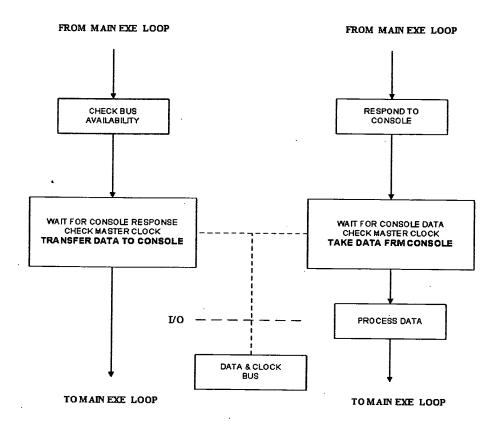


Figure 25

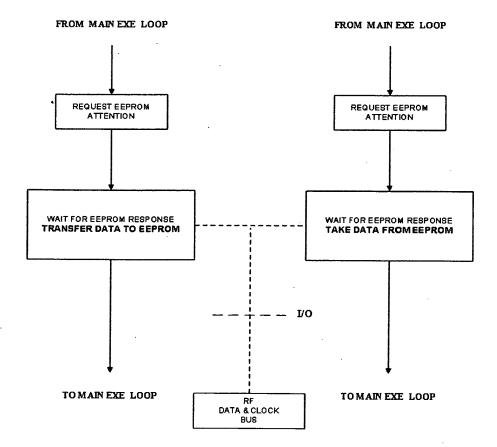


Figure 26

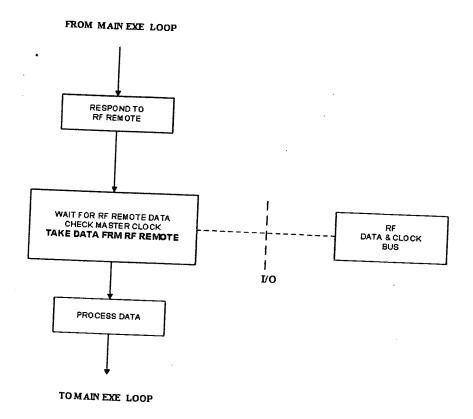
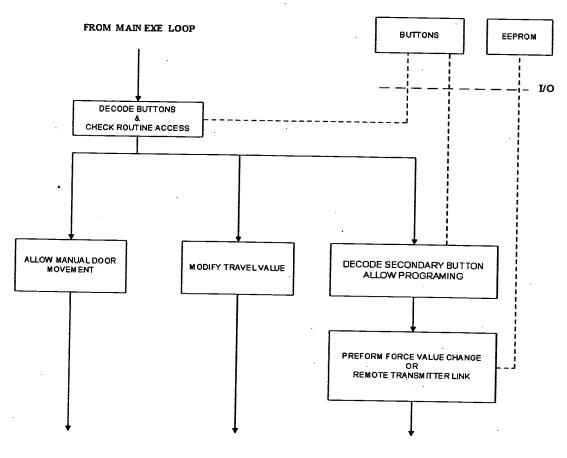
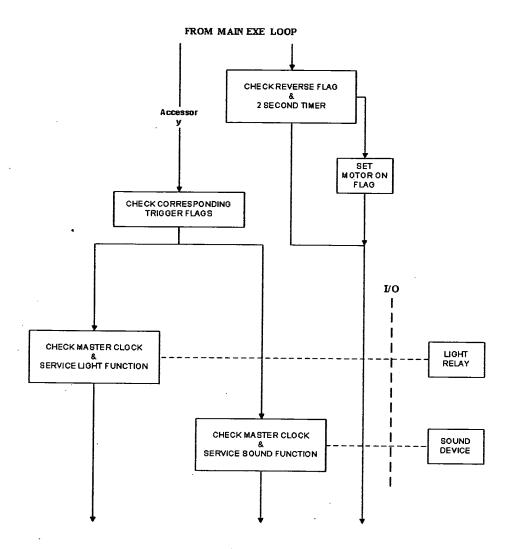


Figure 27



TO MAIN EXE LOOP

Figure 28



TOMAIN EXE LOOP

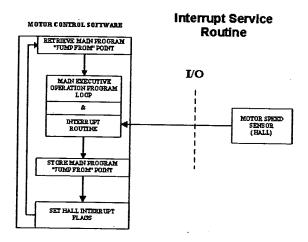


Figure 30

SEND_USART MAKE TX PIN A DIGITAL OUTPUT SEND CHARACTER TO THE TRANSMIT BUFFER CALL TX WAIT ROUTINE AND WAIT FOR TRANSMITTER TO EMPTY SET TX PIN BACK TO INPUT

Figure 31

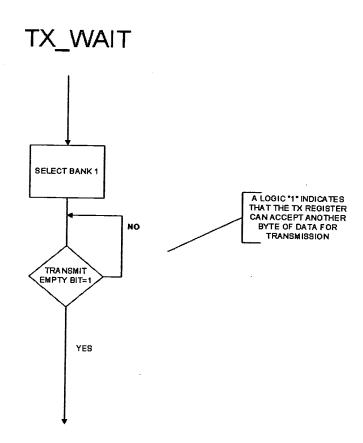


Figure 32

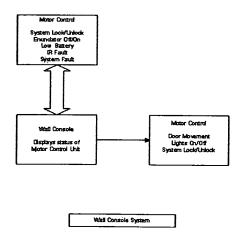


Figure 33

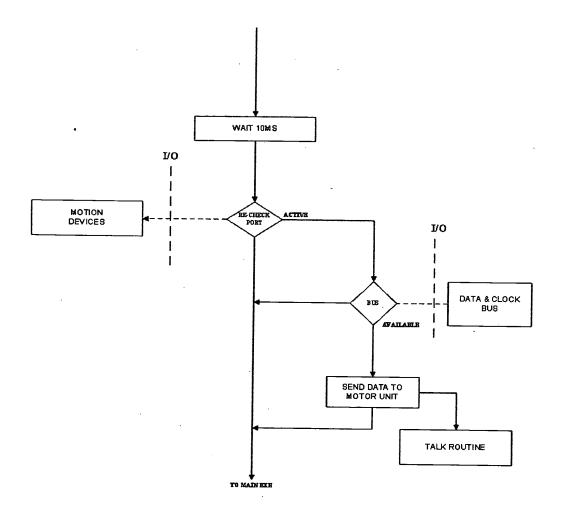


Figure 34

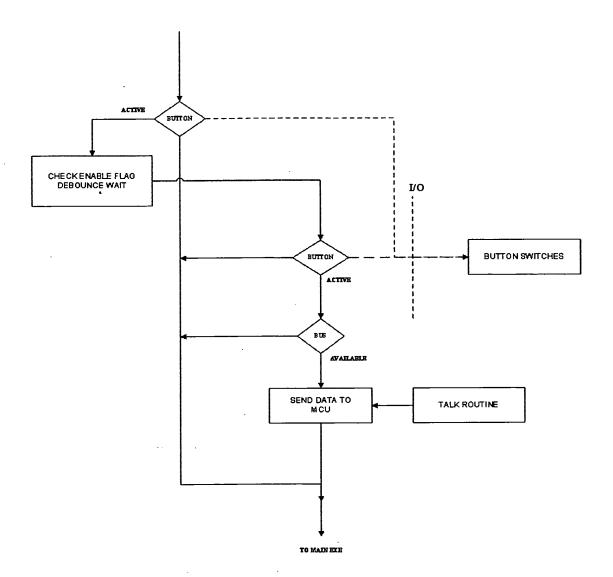


Figure 35

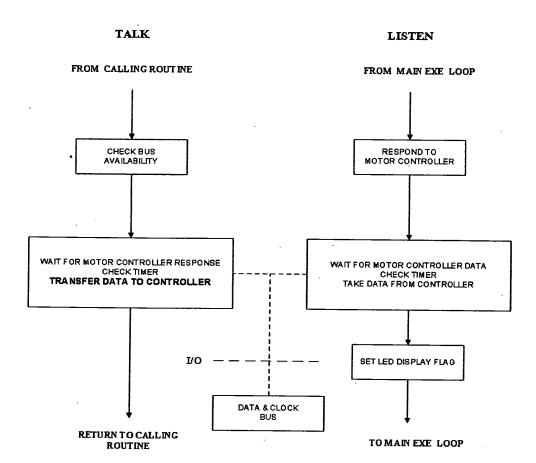


Figure 36

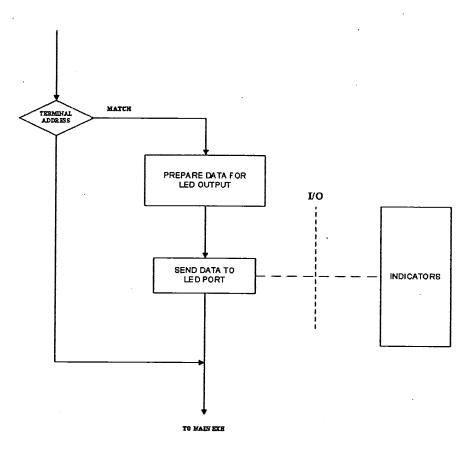


Figure 37

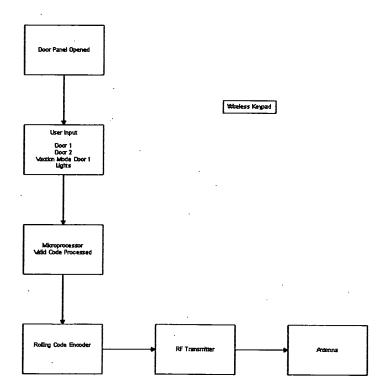


Figure 38

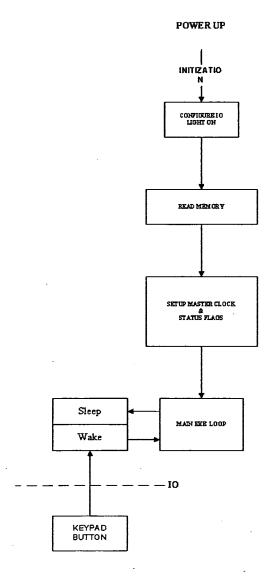


Figure 39

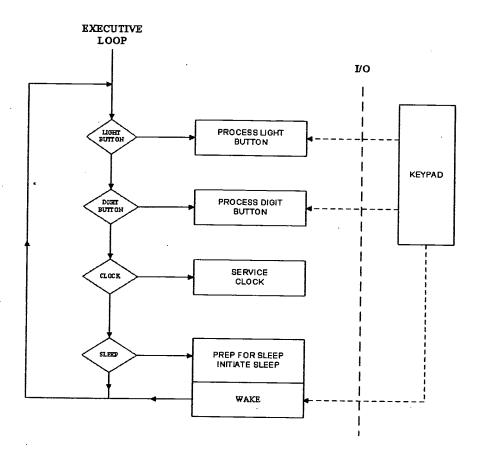


Figure 40

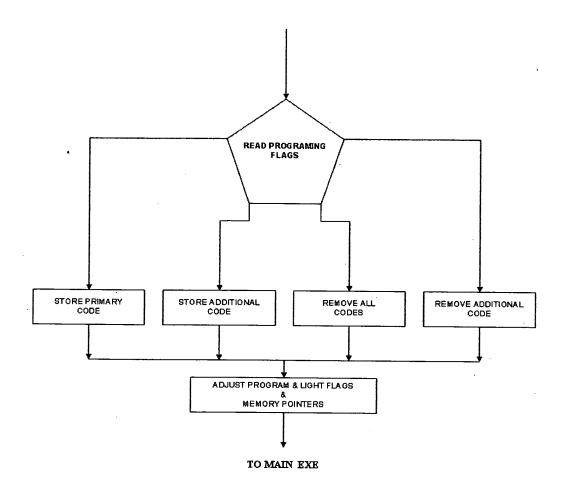


Figure 41

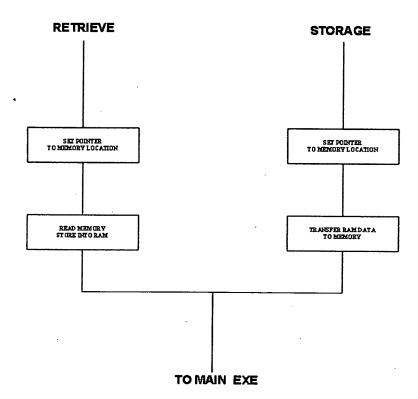


Figure 42

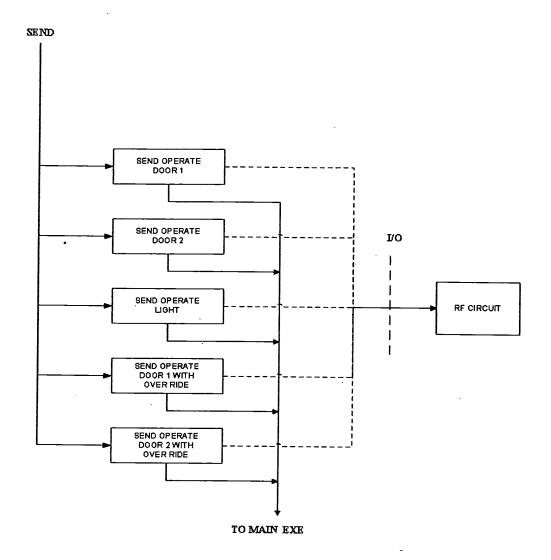


Figure 43

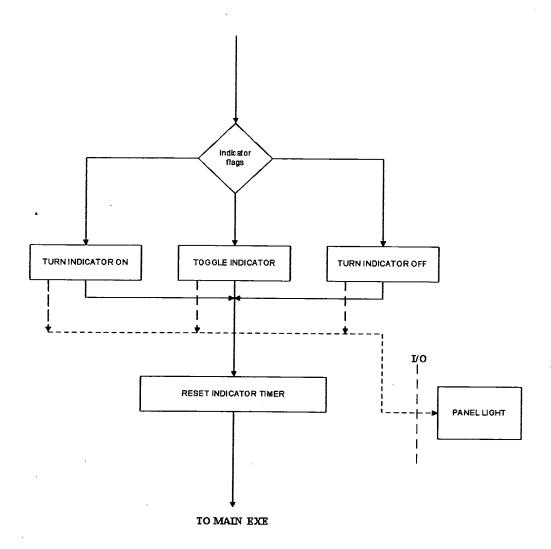


Figure 44

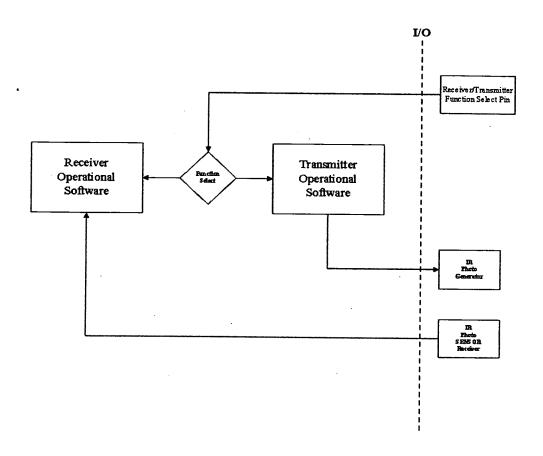


Figure 45